

INCH-POUND

A-A-20175A

October 7, 1997

SUPERSEDING

A-A-20175

November 13, 1989

COMMERCIAL ITEM DESCRIPTION

CHEWING GUM

**The U.S. Department of Agriculture has authorized
the use of this Commercial Item Description.**

1. SCOPE.

1.1 This Commercial Item Description (CID) covers chewing gum, packed in commercially acceptable containers, suitable for use by the Federal Government and as a component of operational rations.

2. CLASSIFICATION.

2.1 The chewing gum shall conform to the following types, classes, and flavors as specified in the solicitation, contract, or purchase order.

Types.

Type I - Tablet

Type II - Stick

Type III - Slab

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Commander, Defense Personnel Support Center, 2800 South 20th Street, ATTN: DPSC-HSL, Philadelphia, PA 19145-5099 or FAX (215) 737-2963.

**AMSC N/A
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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Classes.

Class A - Regular

Class B - Sugarfree

Flavors.

Flavor 1 - Peppermint

Flavor 2 - Spearmint

Flavor 3 - Cinnamon

Flavor 4 - Other, as specified

3. SALIENT CHARACTERISTICS.

3.1 Ingredients:

3.1.1 Type I, II, and III, Class A Regular: The Type I tablet center and Type II and Type III chewing gums shall contain: sucrose or dextrose (or a combination of both), corn syrup, water-insoluble chewing gum base, softening and plasticizing ingredients, flavoring, and approved colorants (when applicable). The Type I tablet coating may contain gum, gelatin, starch, or other protective materials and colorants.

3.1.2 Type I, II, and III, Class B Sugarfree: The Type I tablet center and Type II and Type III chewing gums shall contain any one of the following polyols singly or in combination: sorbitol, mannitol, isomalt, maltitol, and xylitol. In addition, the sugarfree gums shall contain gum base, glycerin, softening and plasticizing ingredients, flavoring, artificial sweeteners, and approved colorants (when applicable). The Type I tablet coating may contain gum, film formers, gum arabic, flavoring, colorants, and any one of the following polyols singly or in combination: sorbitol, mannitol, isomalt, maltitol, and xylitol.

3.2 Finished product: The chewing gum shall be fresh and shall not be sticky, grainy, flabby, or stringy. Each tablet of the Type I chewing gum shall weigh between 1.3 - 1.6 grams. Each stick of the Type II chewing gum shall weigh between 2.6 - 3.2 grams and the dimensions shall not exceed 2-7/8 inches in length, 7/8 inch in width, and 3/32 inch in thickness. The Type II chewing gum shall not be brittle or hard. The Type III chewing gum shall weigh between 1.7 - 1.8 grams per piece and the dimensions shall not exceed 1.28 inches in length, 0.53 inches in width, and 0.18 inches in thickness.

3.2.1 Water-insoluble base: The water-insoluble base dry weight of the Type I chewing gum shall have not less than 0.20 gram per tablet, not less than 0.48 gram per stick for Type II, and not

less than 0.42 gram per slab for Type III.

3.2.2 Candy coating: The candy coating for the Type I chewing gum shall be applied by the hot- or cold-pan method. Colored coating is acceptable. The coating shall cover the centers completely and shall be free from pits, cracks, and the appearance of discoloration. A suitable glaze or polish may be used to finish the pieces.

3.2.3 Flavor: The flavor of the gum shall be in an amount sufficient to impart a characteristic taste sensation.

3.3 Age requirement: Unless otherwise specified in the solicitation, contract, or purchase order, the chewing gum shall be processed and packaged not more than 90 days prior to receipt at destination.

3.4 Analytical requirements: Unless otherwise specified in the solicitation, contract, or purchase order, the chewing gum shall be as stated in paragraph 3.2.1.

3.4.1 Analytical procedure: Five two-tablet packages, sticks, or slabs shall be selected at random from the lot.

3.4.2 Preparation of sample: Weigh the individual samples (2 tablets, 1 stick, or 1 slab). Chew each sample vigorously for 10 minutes. Spread the chewed gum as evenly and thinly as possible on a previously dried and tared glass or metal plate or disposable aluminum weighing dish approximately 2 inches square.

3.4.3 Examination for water-insoluble base: Dry the sample at 100°C in a vacuum oven at a pressure not more than 100 mm of mercury for at least 2 hours or in a gravity convection oven for at least 4 but not more than 5 hours. Cool in a desiccator, weigh, and calculate the weight of each sample of water-insoluble base.

$$\frac{\text{Weight of dried gum}}{2} = \text{Weight of water-insoluble gum base in one tablet}$$

$$\text{Weight of dried gum} = \text{Weight of water-insoluble gum base in one stick/slab}$$

3.4.4 Test results: The test result for water-insoluble base shall be reported to the nearest 0.01 gram. Any result not conforming to the finished product requirements shall be cause for rejection of the lot.

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4. REGULATORY REQUIREMENTS.

4.1 The delivered chewing gum shall comply with all applicable Federal and State mandatory requirements and regulations relating to the preparation, packaging, labeling, storage, distribution, and sale of the chewing gum within the commercial marketplace. Delivered chewing gum shall comply with all applicable provisions of the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder.

5. QUALITY ASSURANCE PROVISIONS.

5.1 Product conformance. The chewing gum provided shall meet the salient characteristics of this CID, conform to the producer's own specifications, standards, and quality assurance practices, and be the same chewing gum offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.2 Quality assurance. When required in the solicitation, contract, or purchase order that product quality or acceptability or both be determined, the Processed Products Branch (PPB), Fruit and Vegetable Division, Agricultural Marketing Service, U.S. Department of Agriculture, shall be the certifying activity and shall make the determination in accordance with applicable PPB procedures. The chewing gum shall be examined or analyzed or both in accordance with applicable provisions in this CID, solicitation, contract, or purchase order, and, when applicable, the United States Standards for Condition of Food Containers currently in effect on the date of the solicitation.

6. PACKAGING.

6.1 Preservation, packaging, packing, labeling, and case marking. Preservation, packaging, packing, labeling, and case marking shall be as specified in the solicitation, contract, or purchase order.

7. NOTES.

7.1 Purchasers shall specify:

- Type(s), class(es), and flavor(s) of chewing gum desired.

7.2 Sources of documents.

7.2.1 Sources of information for governmental documents are as follows:

Applicable provisions of the Federal Food, Drug, and Cosmetic Act are contained in 21 CFR Parts 1 to 199. This document may be purchased from: **Superintendent of Documents, ATTN: New Orders, P.O. Box 371954, Pittsburgh, PA 15250-7954.** Credit card (MasterCard or Visa) purchases may be made by calling the Superintendent of Documents on (202) 512-1800.

Copies of the United States Standards for Condition of Food Containers are available from: **Chairperson, Condition of Container Committee, STOP 0243, 1400 Independence Ave., SW, Washington, DC 20250-0243.**

Civil agencies and other interested parties may obtain copies of this CID from: **General Services Administration, Federal Supply Service, Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407.**

Military activities should submit requests for copies of this CID to: **Standardization Documents Order Desk, Defense Automation Printing Service, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.**

MILITARY INTERESTS:

Custodians

Army - GL
Navy - SA
Air Force - 35

CIVIL AGENCY COORDINATING ACTIVITIES:

DOJ - BOP
HHS - NIH, IHS
USDA - FV
VA - OSS

Review Activities

Army - MD, QM
Navy - MC

PREPARING ACTIVITY:

DLA - SS

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